



versalis

Technical Data Sheet

EUROPRENE®

BR

BR HV80

Butadiene Rubber

Europrene® BR HV80 is a solution polymerised high vinyl butadiene polymer produced by continuous process using an alkyl lithium catalyst at the Grangemouth production facility in Scotland, UK.
A non-staining antioxidant is added during the production process.

Main Properties	Test Method	Unit	Typical Value
Mooney Viscosity, ML 1+4(100 °C)	ASTM D 1646	MU	70
Vinyl content	Internal Method	% wt	77 ⁽¹⁾
Volatile matter	ASTM D 5668	% wt	0.8 max
Ash	ASTM D 5667	% wt	0.2 max
Tg	Internal Method	°C	-31

⁽¹⁾ Referred to butadiene portion

Key Features

Europrene® BR HV80 shows high rebound resilience in a wide temperature range.
It shows a unique balance of low rolling resistance and high wet grip.

Main Applications

Winter tyre tread compounds with improved wet/ice grip.

Physical Form

Water white to pale amber coloured bales wrapped in polyethylene film.

Packaging

Returnable metal crate, nominal net weight 990 kg; 33 kg bale, 30 bales per crate (1465 x 1150 x H1123 mm)

Storage Conditions

Store in a vented, dry area at temperatures between 20°C and 30°C; no direct sunlight.
Shelf life: 18 months minimum.

